

WHAT IS CLAIMED IS:

5 *Sub B2*  
1. A method for effecting a change in the central nervous system comprising parenteral administration of an effective amount of an IGF-I.

2. A method for treating a disorder or a disease in the brain comprising parenteral administration of an effective amount of an IGF-I.

10 3. A method according to claim 1 or 2 wherein said IGF-I is administered in an amount from about 0.1  $\mu$ g/kg/day up to about 4 mg/kg/day.

4. A method according to claim 1 or 2 wherein said IGF-I is administered in an amount from about 400 ng/kg/hour up to about 160  $\mu$ g/kg/hour.

15 5. A method according to claim 2 wherein said disorder or disease is Alzheimer's Disease.

20 6. A method according to claim 2 wherein said disorder or disease is Parkinson's Disease.

7. A method according to claim 2 wherein said disorder or disease is AIDS dementia.

25 *Sub B3*  
8. A method for effecting a change in the central nervous system comprising parenteral administration of an effective amount of an IGF-II.

*Sub B4*  
9. A method for treating a disorder or a disease in the brain comprising parenteral administration of an effective amount of an IGF-II.

10. A method according to claim 8 or 9 wherein said IGF-II is administered in an amount from about 0.1  $\mu$ g/kg/day up to about 4 mg/kg/day.

5 11. A method according to claim 8 or 9 wherein said IGF-II is administered in an amount from about 400 ng/kg/hour up to about 160  $\mu$ g/kg/hour.

12. A method according to claim 9 wherein said disorder or disease is Alzheimer's Disease.

10 13. A method according to claim 9 wherein said disorder or disease is Parkinson's Disease.

14. A method according to claim 9 wherein said disorder or disease is AIDS dementia.

15 15. A method for effecting a change in the spinal cord comprising parenteral administration of an effective amount of an IGF-I or an IGF-II.

20 16. A method for treating a disorder in or trauma to the spinal cord comprising parenteral administration of an effective amount of an IGF-I or IGF-II.

25 ~~17. A method according to claim 15 or 16 wherein said IGF-I or IGF-II is administered in an amount from about 0.1  $\mu$ g/kg/day up to about 4 mg/kg/day.~~

~~18. A method according to claim 15 or 16 wherein said IGF-I or IGF-II is administered in an amount from about 400 ng/kg/hour up to about 160  $\mu$ g/kg/hour.~~

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add A3  
Add B7  
ADD C2

add E5